

AQF LEVEL	AQF LEVEL 8 CRITERIA – GRADUATE CERTIFICATE		PROGRAM LEARNING OUTCOMES
PURPOSE	The Graduate Certificate qualifies individuals who apply a body of knowledge in a range of contexts to undertake professional/highly skilled work and as a pathway for further learning.		
KNOWLEDGE	Graduates of a Graduate Certificate will have specialised knowledge within a systematic and coherent body of knowledge that may include the acquisition and application of knowledge and skills in a new or existing discipline or professional area.	Graduates of the Graduate Certificate in Engineering Project Management will have: <ul style="list-style-type: none"> • specialised knowledge to initiate, plan, manage and evaluate the progress of engineering projects • knowledge of research principles and methods as applicable to the project management field • knowledge of key project management areas and their impact on project success. 	
SKILLS	Graduates of a Graduate Certificate will have: <ul style="list-style-type: none"> • cognitive skills to review, analyse, consolidate and synthesise knowledge and identify and provide solutions to complex problems • cognitive skills to think critically and to generate and evaluate complex ideas • specialised technical and creative skills in a field of highly skilled and/or professional practice • communication skills to demonstrate an understanding of theoretical concepts • communication skills to transfer complex knowledge and ideas to a variety of audiences 	Graduates of the Graduate Certificate in Engineering Project Management will have: <ul style="list-style-type: none"> • cognitive, technical and creative skills required to effectively and efficiently manage engineering projects • cognitive skills to critically analyse and reflect on concepts and theories associated with project management applications • the communication skills needed to present both verbally and in a variety of written forms, project related issues across all levels of industry and management. 	

**APPLICATION OF
KNOWLEDGE &
SKILLS**

Graduates of a Graduate Certificate will demonstrate the application of knowledge and skills:

- to make high level, independent judgements in a range of technical or management functions in varied specialised contexts
- to initiate, plan, implement and evaluate broad functions within varied specialised technical and/or creative contexts
- with responsibility and accountability for personal outputs and all aspects of the work or function of others within broad parameters

Graduates of the Graduate Certificate in Engineering Project Management will demonstrate the ability to apply their knowledge and skills in:

- analysing project-related challenges from a variety of perspectives and formulate innovative solutions to these challenges
- applying knowledge and tools to manage simple as well as complex engineering projects
- developing, planning and executing complex projects
- developing project time and cost plans, and other complementary plans such as risk and safety management systems, internal quality assurance procedures needed over project life
- planning and executing a substantial research-based project.